

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	9545153
<b>Application Number:</b>	10044899
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	3817
<b>Title of Invention:</b>	Optical amplification of molecular interactions using liquid crystals
<b>First Named Inventor/Applicant Name:</b>	Nicholas L. Abbott
<b>Customer Number:</b>	43850
<b>Filer:</b>	Ralf Fang
<b>Filer Authorized By:</b>	
<b>Attorney Docket Number:</b>	061818-5002US04
<b>Receipt Date:</b>	28-FEB-2011
<b>Filing Date:</b>	09-JAN-2002
<b>Time Stamp:</b>	13:27:33
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$ 1270
RAM confirmation Number	11447
Deposit Account	500310
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

# File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Request for Continued Examination (RCE)	5002US04_RCE.pdf	60290 836162e07341bee0f26d180f1c4034015d86463	no	1
Warnings:					
This is not a USPTO supplied RCE SB30 form.					
Information:					
2	Extension of Time	5002US04_Ext.pdf	49278 6113ae28988665798d42ca000f91e4c2033111	no	1
Warnings:					
Information:					
3		5002US04_RespOA.pdf	455407 af152a201c12a867b9f311b6f55ae4b5c4a884ae	yes	21
	Multipart Description/PDF files in .zip description				
	Document Description	Start	End		
	Amendment Submitted/Entered with Filing of CPA/RCE	1	1		
	Claims	2	18		
	Applicant Arguments/Remarks Made in an Amendment	19	21		
Warnings:					
Information:					
4	Rule 130, 131 or 132 Affidavits	5002US04_Dec.pdf	2230059 eb166e526a866d5178f2a3da5a398e0c973ca	no	6
Warnings:					
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5		5002US04_IDS.pdf	102783 72b492bd16d125a1434b1b10f9aac3d5a2a3c90	yes	3
	Multipart Description/PDF files in .zip description				
	Document Description	Start	End		
	Transmittal Letter	1	2		
	Information Disclosure Statement (IDS) Filed (SB/08)	3	3		

Warnings:					
Information:					
6	NPL Documents	Motohiro_T_1990.pdf	1196152 7fab7c6db6dd17f7f5db347173c031e971e481	no	8
Warnings:					
Information:					
7	NPL Documents	Sanda_PN_1989.pdf	1072428 2753d1894dd46bdc54803a58c2cd13d1d1e5dc2	no	6
Warnings:					
Information:					
8	NPL Documents	Nishikata_Y_1987.pdf	1002692 cd308b59a6d1c3f717866a3d61d6d1e5b943a808	no	6
Warnings:					
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9	NPL Documents	Whittmann_JC_1991.pdf	1449053 34f8cd17ee994fc0f73b073bd2a0e4e2a021340	no	4
Warnings:					
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10	NPL Documents	Lee_ES_1993.pdf	1065856 92ae0e8f589424a1a809d2715167181d639c922	no	4
Warnings:					
Information:					
11	NPL Documents	Vithana_H_1996.pdf	775387 bfb6c1061731c496de0774ffc7d6f7326f051	no	4
Warnings:					
Information:					
12	NPL Documents	Barbero_G_1991.pdf	1774099 5d714b5db5cedb391e7b5d3b7d6216b2d227d61	no	5
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13	NPL Documents	Uemura_T_1987.pdf	486750 e221921e3777184d2d7eeeb05a6b0b9f055a0c3e	no	9
Warnings:					
Information:					

14	NPL Documents	_Hong_H-G_1994.pdf	1340389 85d846d30f733ba757e8a5e1e054e-c37a-eb3eef	no	6
Warnings:					
Information:					
15	NPL Documents	_LeGrange_JD_1993.pdf	519811 64eef704323262c0ff98c11cc089c508a3a7c0-9603	no	5
Warnings:					
Information:					
16	Fee Worksheet (PTO-875)	fee-info.pdf	31685 896c7e0e5899-701390B92fE5ab4423c246ef-8a7ab	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			13612119		
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><b><u>New Applications Under 35 U.S.C. 111</u></b> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><b><u>National Stage of an International Application under 35 U.S.C. 371</u></b> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><b><u>New International Application Filed with the USPTO as a Receiving Office</u></b> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					